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				Application Number	09/898,850			
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STAT	TEMENT	BY A	PPLICANT	First Named Inventor	Ungerboeck			
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Sheet	1	of	2	Attorney Docket Number	13226US02			

			U.S. PATENT	OCUMENTS		
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			CLOSURE	Filing Date	July 3, 2001		
STATEMENT BY APPLICANT				First Named Inventor	Ungerboeck		
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	(Use as many s	ihoeta aa	necessary)	Examiner Name	Dac V. Ha		
Sheet	2	01	2	Attorney Docket Number	13226US02		

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PH		G. Ungerbroock, "Information-Theoretic Reflections on PCM Volcaband Moderne," In Codes, Curves, and Signals - Common Threads in Communications, edited by A. Vardy, Kluwer Academic Publishers, 1988			
211		R.E. Blahut, "Computation of Channel Capacity And Rato-Distortion Functions," IEEE Trans. Inform. Theory, vol. 18, pp. 480-473, 1972			
pH		G. Ungerbroock, "Trells-Coded Modulation With Redundant Signal Sets - Part II: State Of The art," IEEE Communications Magazine, vol. 25, pp. 12-21, February 1987			
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